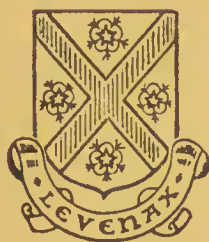


COUNTY COUNCIL OF DUNBARTON



Annual Report
on the
Medical Inspection of
School Children

By SAMUEL HARVEY,
M.B., Ch.B., D.P.H., M.R.C.P.(Edin.)

*County Medical Officer and
Principal School Medical Officer*

1966-1967

(Year ending 31st July, 1967)

COUNTY COUNCIL OF DUNBARTON



Annual Report
on the
Medical Inspection of
School Children

By SAMUEL HARVEY,
M.B., Ch.B., D.P.H., M.R.C.P.(Edin.)

*County Medical Officer and
Principal School Medical Officer*

1966-1967
(Year ending 31st July, 1967)

*To the Secretary of State for Scotland and the County Council of the
County of Dunbarton*

LADIES AND GENTLEMEN,

I beg to submit the Annual Report on the Medical Inspection
and Treatment of School Children for the year ended 31st July 1967.

I am, Ladies and Gentlemen,

Your obedient servant,

SAMUEL HARVEY,
*County Medical Officer and
Principal School Medical Officer.*

HEALTH AND WELFARE DEPARTMENT,
COUNTY COUNCIL OFFICES,
DUMBARTON.

COUNTY COUNCIL OF DUNBARTON

SCHOOL MEDICAL STAFF

Principal School Medical Officer

SAMUEL HARVEY, M.B., Ch.B., D.P.H., M.R.C.P.(Edin.)

Depute Principal School Medical Officer

IAIN MACLEOD, M.B., Ch.B., D.P.H.

Senior Medical Officer (Mental Health)

JAMES G. YOUNG, M.B., Ch.B., D.P.H.

School Medical Officers

CHARLES C. SLORACH, M.B., Ch.B., D.P.H. (Part-time)

AGNES W. B. F. O'GORMAN, L.R.C.P., L.R.C.S.(Edin.),

L.R.F.P.S.(Glas.), D.P.H.

DAVID B. CAMPBELL, M.B., Ch.B., D.P.H. (Part-time)

GORDON M. FERGUSON, M.B., Ch.B.(Glas.), D.P.H.

CATHERINE M. J. ROSS, M.B., Ch.B., D.C.H. Resigned 2.4.67

JOHN T. CUNNINGHAM, M.B., Ch.B., D.P.H.

CHARLES A. GOURLEY, M.B., Ch.B., D.Obst., R.C.O.G., D.P.H.,
Commenced 19.9.66 (Temp.)

Chief Dental Officer

FELIX A. CASSIDY, L.D.S., D.D.S.(McGill)

Dental Surgeons

MARY W. DINN, L.D.S.

JAMES H. FERGUSON, L.D.S.

JOHN MCFARLANE, B.D.S.

ALAN MCLEAN, L.D.S., F.R.P.S.(G)

SHEILA S. STEWART, L.D.S., F.R.P.S.(G)

MARGARET SWEENEY, B.D.S.

Resigned 26.8.66

ANNE S. MACMILLAN, B.D.S.

Commenced 16.8.66

DOUGLAS J. REID, B.D.S.

SUSANNE M. GRANGER, B.D.S.

ROBERT MAXWELL, B.D.S.

Commenced 20.3.67

Senior Dental Technician

JAMES FYFE

Ophthalmic Surgeon

WM. WILSON, M.B., Ch.B., F.R.C.S.(Edin.), D.O.(Eng.)

Ear, Nose and Throat Specialist

W. GOUDIELOCK HOOD, M.B., Ch.B., F.R.F.P.S.

Anaesthetists

H. P. COOPER HARRISON, M.B., Ch.B.

WM. AULD, M.B., Ch.B., D.A., F.F.A.R.C.S.

ALEX. BOYD, M.B., Ch.B.

Physiotherapists

MORAG T. GALLOWAY Resigned 12.2.67

AGNES MCF. MALCOLM

ELIZABETH M. Y. MCNICOL

JEAN S. A. HOWATT

MARGARET S. REID Commenced 16.2.67

Superintendent of Nurses

VIOLET M. BREMNER, R.G.N., S.C.M., Q.N., H.V.

Deputy Superintendent of Nurses

MARGARET H. MCHATTIE, R.G.N., S.C.M., Q.N., H.V. Resigned 18.7.67

Nursing Staff

KATHERINE S. STEVENSON	ELIZABETH T. CRAWFORD
ALICE GEE	ELIZABETH A. SANDILANDS
MARGARET W. CHRISTIE	MARGARET M. MACDONALD
*CHRISTINA S. L. KING	CATHERINE DEMPSEY
MARGARET CALLANDER	EMMA B. SMITH
MARGARET G. MILLER	C. FOWLER
MARY CALLAGHAN	Resigned 23.10.66
CATHERINE M. SCOBIE	M. MARTIN
*R. L. SHAW	*M. FARREN
MARY O'KANE	Resigned 15.12.66
Resigned 30.11.66	DONALDINA CALDWELL
DOROTHY FROUDE	JANET BOURNS
*J. McLAFFERTY	MARGARET MCCLURE
HAZEL GRAY	DOREEN STOKER
AGNES CLYDESDALE	*JEAN ANDERSON
*MARGARET SMITH	JEAN HOWIESON
*SADIE LYTTLE	Commenced 16.8.66
FLORA B. MACKENZIE	MARGARET MACKENZIE
Commenced 1.12.66	Commenced 15.7.67
J. I. U. CONDIE	JACQUELINE MASON
JEAN P. MCHAFFIE	Commenced 3.7.67
*Employed solely on school medical duties	

Audiometrician

THERESA KEITH

Orthopists

FELICITY S. HEATH (Part-time) Resigned 13.4.67
LINDA STOBIE Commenced 16.1.67

Dental Attendants

MARGARET SAMSON	FIONA WEST
MARJORIE E. P. GARDNER	Commenced 29.8.66
MARTHA W. KINLOCH	ANNIE LAMBIE
MARGARET BOYLE	Commenced 28.11.66
ELIZABETH B. CURRIE (Part-time)	MOIRA ANDERSON
Commenced 6.2.67	Commenced 1.5.67
BERNADETTE CAMPBELL	ELIZABETH CASHMAN
JANET BAILEY	Resigned 26.8.66
Commenced 7.9.66	

Orthopaedic Clinic Attendant

MARGARET C. BLACK

Hygiene Attendants

BARBARA STEPHENSON
KATHLEEN HOGG Resigned 19.7.66
MARION GRAY Commenced 16.11.66

Clerkess

JANE H. MACLEOD

REPORT

ON THE

MEDICAL INSPECTION AND TREATMENT OF SCHOOL CHILDREN IN THE COUNTY OF DUNBARTON

NUMBER OF SCHOOLS

School Management Area—

Cumbernauld	..	..	..	..	..	..	11
Kirkintilloch	..	..	..	..	..	..	9
New Kilpatrick	..	..	..	..	..	..	9
Old Kilpatrick	..	..	..	..	..	..	22
Dumbarton	..	..	..	..	..	..	9
Vale of Leven	..	..	..	..	..	..	14
Helensburgh ..	..	..	..	..	..	..	10
							<hr/> 84

NUMBER OF CHILDREN ON REGISTER AND IN AVERAGE ATTENDANCE DURING SESSION 1966/67

<i>School Management Area</i>				<i>Average on Roll</i>	<i>Average Attending</i>	<i>Per Cent.</i>
Cumbernauld	..	..	..	4508.3	4167.0	92.4
Kirkintilloch	..	..	..	6234.9	5779.5	92.6
New Kilpatrick	..	..	..	4400.3	4118.1	93.5
Old Kilpatrick	..	..	..	11655.1	10641.4	91.3
Dumbarton	..	..	..	6448.3	5857.4	90.8
Vale of Leven	..	..	..	4170.8	3811.0	91.3
Helensburgh	..	..	..	2671.7	2438.7	91.2
Total	..	..	..	<hr/>40089.4	<hr/> 36813.1	<hr/> 91.8

NUMBER OF VISITS FOR SYSTEMATIC EXAMINATIONS

NOTE: One whole day spent in school counts as two visits
(morning and afternoon sessions)

Number of visits as above 439

NUMBER OF SPECIAL VISITS BY MEDICAL OFFICERS

For examination of backward, mentally or physically defective children ..	174
For re-examination of defective children	38
Attendances at school clinics	98
Attendances for office work, etc.	75
For inquiry regarding infectious diseases (including scabies)	4
Diphtheria immunisation	57
Poliomyelitis vaccination	—
B.C.G. vaccination	23
Child Welfare clinics	556
Orthopaedic	45
Family Guidance clinics	138
Others	105
	<hr/>
	1313
	<hr/>

IMPROVEMENTS TO SCHOOLS

During the year ending 31st July, 1967, Rosneath Primary School and St. Martin's Primary School were both replaced with complete new buildings, thus providing modern inside toilets in place of the outside isolated suites, and kitchen premises where previously meals were carried from the central kitchen.

Also, under the capital building programme, additional hutted classroom accommodation was provided at the following seven schools, which included in each case additional toilet and ablution facilities:—

1. St. Patrick's High School, Dumbarton
2. St. Stephen's Primary School, Dalmuir
3. Goldenhill Primary School, Hardgate
4. St. Joseph's Primary School, Faifley
5. Clydebank High School
6. Killermont Primary School, Bearsden
7. St. Ninian's High School, Kirkintilloch

As in former years, the Education Committee also approved an extensive programme of work to be carried out under the revenue account. Under this heading, replacement and additional sanitary fittings were fitted in thirteen schools at a total cost of £2,165, and internal redecoration and washing down of painted surfaces carried out in forty-seven schools to the value of £28,370.

In addition to the foregoing, many other minor repairs and replacements have been carried out as and when required, thus maintaining the properties in a satisfactory sanitary condition.

PARENTS PRESENT AT INSPECTION

<i>School Management Area</i>	<i>No. of Children Examined</i>	<i>No. of Parents Present at Routine Examinations</i>	<i>Per Cent.</i>
Cumbernauld	781	489	62.61
Kirkintilloch	748	547	73.12
New Kilpatrick	843	392	46.50
Old Kilpatrick	1633	949	58.11
Dumbarton	1338	474	35.42
Vale of Leven	716	399	55.72
Helensburgh	734	302	41.14
Total	6793	3552	52.28

GENERAL REVIEW

Routine inspection was carried out on 6793 children—

The number of children examined non-routinely, i.e., at clinics mainly, was 923.

3552 parents were present at the routine examinations.

PHYSICAL CONDITION

The percentage of children found to be free from all defects on routine school examination was 62.2% as against the previous session's figure of 70.4%. The percentage of children free from defects in the different age groups was as follows:

Entrants (5 yrs. of age)	62.2%
Second Age Group (13 yrs. of age)	62.6%
Third Age Group (16 yrs. of age)	59.1%

82.4% of the children examined had already been immunised against diphtheria.

DEFECTS AND DISEASES

Total No. of boys examined (all areas)	3366
Total No. of girls examined (all areas)	3427
Total	6793

Clothing:

During the session three children were found to have unsatisfactory clothing.

Footwear:

No children were found to have unsatisfactory footwear.

Uncleanliness:

0.3% of the children *systematically* examined were found to be in a verminous condition of head and/or body. The numbers were five boys and seventeen girls.

Skin Diseases:

Ringworm: No ringworm of the body was discovered.

Impetigo: Eight cases of impetigo of the head were discovered during the session and one case of impetigo of the body.

Scabies: Eight children were found to be suffering from scabies during the year.

Nutrition:

Twenty-six of the children examined were found to be suffering from defective nutrition. Twenty-three of them were classified as 'slightly defective'.

SCHOOL DENTAL SERVICE

Report by FELIX A. CASSIDY, Chief Dental Officer

As I shall reach retiral age in a few weeks' time, this is my final annual report.

The work undertaken during the session was, including that carried out by the part-time officers, equivalent to the services of 10 full-time dental officers. Three vacancies existed in the staff throughout the year despite repeated efforts to obtain recruits to fill them.

For many years, we have been largely dependant on and grateful for the service rendered by young female dental graduates most of whom, however, retired on marriage having served only one or two years. At present, six of the whole time dental officers are males, of whom three are under thirty years of age.

When the school population within the County was around 26,000 an establishment of thirteen dental officers was sanctioned, today the school population is over the 40,000 mark and is steadily on the increase. These facts may give some indication of the problem facing the department. Another factor, one which is not always fully appreciated, is that dental disease, especially in the modern child is a recurrent disease and when a child is rendered dentally fit through treatment it is both unwise and

uneconomic if that dental fitness is not maintained. This requires periodic 'check ups' followed by further treatment when this is found necessary.

During the past decade much progress has been made in the field of dentistry in the development of new drugs, techniques and equipment for the treatment of dental disease, while on the other hand little progress has been made towards its prevention.

In co-operation with the Scottish Home and Health Department a dental pack was issued during the year to every five year old child attending school within the County for the first time. This project was aimed at stimulating in the children a greater practical interest in oral hygiene.

Each dental pack contained a child-size toothbrush, a tube of toothpaste and a 'Happy Smile Card' which when completed would earn a 'Happy Smile Badge'.

There is no doubt that children on admission to school are at a very impressionable age and much benefit should result from instruction in good dental health given at this time. It was intended that these packs be given out by the teachers but it occurred to me that here was a unique opportunity for each dental officer to meet these small children, in most cases for the first time, under more pleasurable circumstances than normally is the case and it was therefore arranged that the teacher introduced the dental officer to the class and explained the purpose of the visit. Following this the dental officer described the contents of the pack and demonstrated how the teeth should be cleaned, then personally presented a pack to each child. The entire visit to the class occupied some 15-20 minutes in each school. There is no doubt in my mind that when many of these children attend the local clinic for treatment at a later date, rapport, that all essential factor between dentist and small child will more rapidly and readily be established because of this preliminary contact having been made.

While the distribution of these packs to the five year olds is certainly a step in the right direction we must go further in prevention.

From various dental surveys which I have carried out in areas throughout the County over the past five years, I have found that on average the five year old child has five of his or her temporary or Foundation Teeth either decayed, filled or extracted. Fluoridation, which I advocated primarily in my annual report of 1950 would give considerable protection to these teeth when in operation.

There are, however, areas in the County where Fluoridation may for one reason or another not be possible for some considerable time and for such areas I feel there should be made available as an interim measure, a method which has been in operation over the past few years in the Scandinavian Countries. This method involves the fortnightly rinsing of the mouth by the children with a 0.2 p.p.m. sodium fluoride solution but

could only be made really effective when the child attends school where the measure could be carried out under suitable supervision which could be provided by, for example, a dental hygienist. I would stress, however, that this method does not offer the same extent of protection against dental decay as Fluoridation.

The world's leading authorities in dentistry are agreed that all the causative factors of dental decay are not yet known. There should, therefore, be initiated a close liason between local authority dental services, the universities and dental schools so that working together, yet each in its separate sphere, many of the theories on the causes of dental decay could be made the subject of research and some facts obtained. There is nowhere a greater field of clinical material for the study of dental decay than in the school population and while the treatment of existing dental lesions is imperative—treatment alone will not solve this ever increasing problem. Prevention is the only complete answer.

EDUCATION COMMITTEE

DEPARTMENT OF SPEECH THERAPY AND SPEECH TRAINING

Report by Miss N. M. MAXWELL, Chief Therapist and in charge of the Departments of Speech Therapy and Speech Training.

The dual department has continued to proceed along the lines of last session, and, over all, it is obvious that many of our children are gaining some command of, and fluency in the use of the spoken word. It is important to note the development of mental poise and self-management shown in the speech situations provided for them, and their pleasure and satisfaction in carrying out these assignments. A very full programme has been carried out despite the fact that we are not fully staffed.

Speech Therapists are still in very short supply. In this respect, however, we are not so severely bereft as some of the neighbouring Counties and South of the Border. Though we have continued to make available clinical training for students, at the request of Sir Henry Wood, now that the School of Speech Therapy has come under the wing of Jordanhill College, there have been no applications this session so far for our available posts. We are hopeful that we may aquire a capable Senior and perhaps one other Assistant before the start of the new Session. On the other hand we are fortunate that there is no indication of losing any at this time. At present we have only three full-time and five part-time therapists on the staff. Nevertheless, an effort has been made to cover our ever expanding County, but a few of the Centres have had to be cut to one half-day per week where formerly it had been a whole day. Two Clinics had to be discontinued for a time, one of these being the Medical Centre in Cumbernauld to which there was transport difficulty. The Depute Director took steps to resolve the situation, and in a very short

time it was re-opened to deal with the urgent needs of the New Town. The excellent team of therapists have worked industriously to cater for all urgent cases and to treat the bulk of the others, part-time staff offering extra sessions in order to cope. Waiting lists have been kept to a minimum. Every referral has been dealt with, either by the therapist on duty in the school concerned, or by myself, and always help and advice have been given to the parents pending the child's admission. Parents have also had the benefit of consultation at all times, and we have to thank the E.N.T. Specialists, Dr. G. Hood and Dr. Land, for their prompt attention to our patients and for valuable help and advice throughout treatment. Dr. Harvey and the Medical staff support us continually with early referral, medical history, and accommodation in the Health Clinics, particularly for the pre-school child. This continues to be a most rewarding part of the work when little ones with delay and difficulty can be prepared to take their part in the normal life of the Infants' room. The information furnished by the Health Visitors and Nurses concerning the home background of those under treatment is one of our greatest assets, and Mrs. Keith, the Audiometrician, is meticulous in supplying the result of all hearing tests. Mr. Murray Allan works unceasingly to make suitable facilities available for the service throughout the County.

We have continued to service the Vale of Leven Hospital with three to four sessions per week, covering all patients in the units requiring speech therapy treatment.

On the Speech Training side staffing has been a little better, and all the members have worked hard to maintain standards of clear, useful speech, and to fulfil all commitments of oral projects. At the beginning of the session Mrs. Headden, Miss Marshall and Miss McLeod were appointed to the staff to replace two who had left, but in April Miss McLeod went away to take further study, and a visiting teacher from America who had come over to do Secondary work had to return to her own country. We were very fortunate in replacing them for the final term with Mrs. Thomson, part-time doing Primary work and Mr. Kinnaird, part-time in Secondary. They will continue with us and we extend to them a very warm welcome to the department, and also to Miss Watt who is joining us in August.

The scheme of work in Primary Schools embracing the stages of II, IV, VI and VII, (with other groups inserted where possible) has been continued as formerly, reserving one period for the Post-therapy child's individual rehabilitation. Thirty-five primary schools have been supplied with a teacher of speech training for one day each week. In the interests of continuity and progress, the teachers are retained in their same schools for as long as they remain on the staff unless special circumstances make a change necessary. This year we have endeavoured to make assessment of oral ability at the Primary VII stage, by both oral and written tests, to pass

on as a guide in their transition to Secondary education. Thirteen secondary schools were allocated a teacher of speech training one day per week, and close integration with English subjects continued. I would thank the Heads of these departments for their willing and valuable co-operation in the planning and projects. I had the opportunity this year to talk with one of the English Panels, and was satisfied to find complete understanding and agreement in our common aims for better oral ability.

Our two main projects in addition to the regular schemes of work were Inter-Schools' Drama and the Children's own Travelling Theatre. The former had three presentations, two from Primary at Dalreoch and Kilbowie respectively, involving approximately 420 pupils, and one at St. Columba's in which 136 secondary pupils took part. These performances attained a very good standard and were perhaps, among the best presented so far. We had excellent co-operation from the Art and Music departments and instrumental groups were included in the Secondary Schools Programme. The Travelling Theatre made twelve visits to schools, including Arrochar and Garelochhead, with items by different casts drawn from nineteen schools and involving approximately forty children each time. This project has gained such popularity that we were unable to fulfil all the requests, but we hope to carry out the remainder at the start of the new session. I am most grateful to Mr. McNair, in charge of transport, and his drivers, for carrying out closely-timed arrangement for the Theatre Bus with such efficiency. There is no doubt that these undertaking create a tremendous interest in speech in the schools and in the homes, and I acknowledge with thanks the valuable co-operation of head teachers, class teachers, some of the parents, and all who in any way contribute to the success of these projects. We are indebted to the Directors for advice and support, and to the County staff for clerical assistance.

The combined staff, by their zeal and untiring devotion to the work of the department throughout the session, have achieved most worth-while and satisfactory results.

SPECIAL SCHOOLS AND CLASSES

(1) SPECIAL SCHOOLS

Auchentoshan School

This school caters for mentally handicapped, physically handicapped and myopic pupils in the Western portion of the County. At the close of Session 1966/67 the numbers of pupils were:—Mentally Handicapped—158; Physically Handicapped—19; Myopic—16.

Achentoshan Occupational Centre

There are 68 pupils on the roll of this centre.

Kildrum Occupational Centre

There are 19 pupils on the roll of this centre.

(2) SPECIAL CLASSES

- (a) For mentally handicapped children—*Lairdland School, Kirkintilloch*, with 82 on the roll (four classes).
- (b) For partially deaf children—*Hartfield School, Dumbarton*, with 10 on the roll (one class).

MILK-IN-SCHOOLS SCHEME

The average number of pupils taking milk in schools daily during session 1966-67 was 34,269 (approximately 87% of the roll).

MEDICAL INSPECTION OF SPECIAL SCHOOLS

During the present session 128 children (73 boys and 55 girls) were examined. Of these 77 were mentally handicapped (educable) and 51 were mentally handicapped (ineducable); while 1 had congenital deformities. Clothing and foot gear were satisfactory in all cases. Two children were found in a verminous condition and 7 children were found to have unhealthy mouths. Forty-three parents were present at the medical examinations and notices were issued to all parents whose children were found to be suffering from a particular defect.

ULTRA-VIOLET LIGHT TREATMENT

The following are details of the work done at Dumbarton, Clydebank, Kirkintilloch, Bearsden, Alexandria, Helensburgh, Croy, Milngavie and Goldenhill Clinics during the year.

Number of patients treated	..	..	54
Total number of attendances	..	..	1082

<i>Cause of Reference</i>	<i>No. of Patients</i>	<i>No. Improved</i>	<i>Condition Unchanged</i>
Bronchitis, etc.	5	3	2
Debility	25	22	3
Frequent Cold	3	3	—
Bronchial Catarrh	18	14	4
Asthma	3	3	—
	—	—	—
Totals	54	45	9
	—	—	—

TABLE I

Total number of children examined at:

			<i>Systematic Examinations</i>	<i>Other Systematic Examinations</i>
(a) <i>Primary Schools—</i>				
Entrants (5 yrs. of age)	..	..	.. 4045	439
<i>Secondary Schools—</i>				
Second Age Group (13 yrs. of age)		..	2337	—
Third Age Group (16 yrs. of age)	..	..	411	—
			—	—
Totals	..	..	6793	439
			—	—
(b) <i>Other Examinations—</i>				
Special cases . . . . .	..	..	..	74
Re-inspection by Medical Officer	..	..	..	38
Ear and Eye tests (7 year olds)	..	..	..	2630
			—	—
Total	..	..	..	2742
			—	—

TABLE II—SYSTEMATIC EXAMINATIONS
TOTAL EXAMINED AT ALL AGES— 6793

Total Examined in Each Age Group— By Sexes	Entrants				Second Age Group				Third Age Group				All Ages				Non- Rou- tine
	2031		2104		1140		1197		195		216		3366		3427		
	Boys		Girls		Boys		Girls		Boys		Girls		Boys		Girls		
No. showing Defects ...	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	923
Nature of Defect—																	
1. Clothing Unsatisfactory...	2	0.09	1	0.04	—	—	—	—	—	—	—	—	2	0.05	1	0.02	—
2. Footgear Unsatisfactory	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. Uncleanliness—																	
(a) Head ...	2	0.09	11	0.54	—	—	3	0.25	—	—	—	—	2	0.05	14	0.40	20
(b) Body ...	3	0.14	3	0.14	—	—	—	—	—	—	—	—	3	0.08	3	0.08	2
4. Skin—																	
(a) Head																	
Ringworm ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Impetigo ...	3	0.14	3	0.14	—	—	2	0.16	—	—	—	—	3	0.08	5	0.14	6
Other Diseases ...	22	1.08	23	1.14	25	2.19	16	1.33	5	2.56	—	—	52	1.54	39	1.13	3
(b) Body—																	
Ringworm ...	—	—	1	0.04	—	—	—	—	—	—	—	—	—	—	1	0.02	—
Impetigo ...	—	—	1	0.04	—	—	—	—	—	—	—	—	—	—	1	0.02	36
Scabies ...	2	0.09	3	0.14	2	0.17	1	0.08	—	—	—	—	4	0.11	4	0.11	113
Other Diseases ...	49	2.41	48	2.38	18	1.57	27	2.25	2	1.02	13	6.01	69	2.04	88	2.56	109
5. Defective Nutrition—																	
(a) Slightly Defective ...	5	0.24	7	0.34	2	0.17	7	0.58	—	—	2	0.92	7	0.20	16	0.46	—
(b) Bad ...	1	0.04	—	—	1	0.08	—	—	1	0.51	—	—	3	0.08	—	—	—
6. Mouth and Teeth Un- healthy ...	157	7.73	193	9.58	130	11.40	106	8.85	12	6.15	1	0.46	299	8.88	300	8.75	14
7. Naso-pharynx—																	
(a) Nose—																	
1. Obst. Req. Ob. ...	44	2.16	34	1.68	9	0.78	7	0.58	—	—	1	—	53	1.57	42	1.22	21
2. Obst. Req. Oper. ...	17	0.83	10	0.49	—	—	2	0.16	—	—	—	0.46	17	0.50	12	0.35	2
3. Other Conditions ...	34	1.67	23	1.14	24	2.10	23	1.92	7	3.58	7	3.24	65	1.93	53	1.54	4
(b) Throat—																	
1. Tonsils Req. Ob. ...	189	9.30	213	10.57	51	4.47	55	4.58	6	3.07	9	4.16	246	7.30	277	8.08	100
2. Tonsils Req. Oper. ...	43	2.11	39	1.93	—	—	2	0.16	—	—	—	—	43	1.27	41	1.19	3
(c) Glands—																	
1. Requiring Ob. ...	124	6.10	132	6.55	2	0.17	4	0.33	—	—	2	0.92	126	3.74	138	4.02	5
2. Requiring Oper. ...	4	0.19	1	0.04	—	—	—	—	—	—	—	—	3	0.11	1	0.02	—
8. Eye Conditions—																	
(a) External Conditions—																	
Blepharitis ...	23	1.13	18	0.89	3	0.26	3	0.25	—	—	—	—	26	0.77	21	0.61	19
Conjunctivitis ...	2	0.09	—	—	—	—	1	0.08	—	—	—	—	2	0.05	1	0.02	5
Corneal Opacities ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Strabismus ...	66	3.24	65	3.22	15	1.31	9	0.75	1	0.51	—	—	82	2.43	74	2.15	12
Other Diseases ...	11	0.54	7	0.34	2	0.17	1	0.08	2	1.02	—	—	15	0.44	8	0.23	51
(b) Visual Acuity—																	
1. Fair Vision ...	24	1.18	20	0.99	162	14.21	153	12.78	35	17.94	49	22.68	221	6.56	222	6.47	13
2. Bad Vision, 6/18 or worse ...	4	0.19	1	0.04	32	2.80	31	2.58	7	3.58	11	5.09	43	1.27	43	1.25	1
3. Recommended for refraction ...	10	0.49	7	0.34	6	0.52	3	0.25	—	—	4	1.85	16	0.47	14	0.40	—
9. Ear Conditions—																	
(a) Diseases—																	
1. Otorrhoea ...	2	0.09	2	0.09	—	—	—	—	—	—	—	—	2	0.05	2	0.05	2
2. Other Diseases ...	7	0.34	9	0.44	1	0.08	1	0.08	—	—	—	—	8	0.23	10	0.29	56
(b) Defective Hearing—																	
Grade I ...	35	1.72	23	1.14	5	0.42	6	0.50	—	—	1	0.46	40	1.18	30	0.87	—
Grade IIA ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grade IIB ...	—	—	1	0.04	—	—	—	—	—	—	—	—	—	—	1	0.02	—
Grade III ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10. Defective Speech—																	
Defect. Articulation ...	46	2.26	32	1.58	—	—	—	—	—	—	—	—	46	1.36	32	0.93	—
Stammering ...	10	0.49	5	0.24	6	0.52	5	0.41	—	—	—	—	16	0.47	10	0.29	2
11. Mental and Nervous Con- ditions—																	
(a) Backward ...	3	0.14	3	0.14	—	—	—	—	—	—	—	—	3	0.08	3	0.08	—
(b) Dull (Intrinsically) ...	3	0.14	2	0.09	—	—	—	—	—	—	—	—	3	0.08	2	0.05	1
(c) Mentally Deficient (Educable) ...	2	0.09	—	—	—	—	—	—	—	—	—	—	2	0.05	—	—	—
(d) Mentally Deficient (Ineducable) ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(e) Highly Nervous or Unstable ...	6	0.29	10	0.49	3	0.26	1	0.08	—	—	—	—	9	0.26	11	0.32	—
(f) Difficult in Behaviour	6	0.29	4	0.19	—	—	1	0.08	—	—	—	—	6	0.17	5	0.14	14
12. Heart Conditions—																	
(a) Organic Heart Dis- ease—																	
1. Congenital ...	15	0.73	9	0.44	2	0.17	5	0.41	—	—	—	—	17	0.50	14	0.40	—
2. Acquired ...	—	—	1	0.04	—	—	1	0.08	—	—	—	—	—	—	2	0.05	—
(b) Functional Conditions	15	0.73	11	0.54	7	0.61	7	0.58	1	0.51	2	0.92	23	0.68	20	0.58	—
13. Lung Conditions—																	
(a) Chro. Bronchitis ...	9	0.44	9	0.44	6	0.52	3	0.25	1	0.51	1	0.46	16	0.47	13	0.37	—
(b) Sus. Tuberculosis ...	1	0.04	—	—	1	0.08	—	—	—	—	—	—	—	—	—	—	—
(c) Other Diseases ...	132	6.49	78	3.87	29	2.54	21	1.75	2	1.02	1	0.46	163	4.84	100	2.91	16
14. Deformities—																	
(a) Congenital ...	29	1.42	23	1.14	12	1.05	2	0.16	—	—	1	0.46	41	1.21	26	0.78	1
(b) Acquired (Polio) ...	1	0.04	1	0.04	1	0.08	2	0.16	—	—	—	—	2	0.05	3	0.08	—
(c) Acquired (Oth. causes)	13	0.64	4	0.19	6	0.52	3	0.25	—	—	1	0.46	19	0.56	8	0.23	—
15. Infectious Diseases ...	2	0.09	2	0.09	2	0.17	1	0.08	—	—	1	0.46	4	0.11	4	0.11	—
16. Other Diseases/Defects	99	4.87	71	3.52	39	3.42	20	1.67	8	4.10	3	1.38	146	4.33	94	2.74	176
17. Diph. Immunisation—																	
Already Immunised—																	
Diph. (Triple Antigen)...	1666	82.02	1752	86.99	897	78.68	910	76.02	180	92.30	193	89.35	2743	81.49	2855	83.30	—
Pertussis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diph./Pert. ...	2	0.09	3	0.14	—	—	1	0.08	—	—	—	—	2	0.05	4	0.11	—
Tetanus ...	—	—	3	0.14	—	—	—	—	—	—	—	—	—	—	3	0.08	—
Polio ...	1768	87.05	1766	87.68	527	46.22	577	48.20	145	74.35	159	73.61	2440	72.48	2502	73.00	—
B.C.G. ...	479	23.58	500	24.82	185	16.22	175	14.53	100	51.28	100	46.29	764	22.69	775	22.61	—
Smallpox ...	1290	63.51	1315	65.29	471	41.31	498	41.60	110	56.30	136	62.96	1871	55.58	1949	56.87	—

TABLE III.—SYSTEMATICAL MEDICAL EXAMINATION

Classification	Entrants		Second Age-Group		Third Age-Group		Total	
	Number of Children	Percentage of the Children Examined in this Group	Number of Children	Percentage of the Children Examined in this Group	Number of Children	Percentage of the Children Examined in this Group	Number of Children	Percentage of the Children Examined at Systematic Medical Examinations
I.—Children free from Defects	2520	62.29	1465	62.68	243	59.12	4228	70.39
II.—Children (otherwise free from defects) who suffer from—								
(a) Defective vision not worse than 6/12 in the better eye with or without glasses	87	2.15	209	8.94	81	19.70	377	5.62
(b) Conditions of the Mouth and Teeth requiring treatment	241	5.95	169	7.23	8	1.94	418	1.65
(c) Both (a) and (b)	2	0.04	35	1.49	5	1.21	42	0.37
Total	330	8.15	413	17.67	94	22.87	837	7.65
III.—Children suffering from Ailments (other than those mentioned in II) from which complete recovery is expected within a few weeks	933	23.06	335	14.33	56	13.62	1324	10.84
IV.—Children suffering from (or suspected to be suffering from) defect less remediable than defects specified in II and III, distinguishing cases—								
(a) Where complete cure or restoration of function (in the case of eye defects full correction) is considered possible	217	5.36	101	4.32	14	3.40	332	9.37
(b) Where improvement only is considered possible, e.g., without complete restoration of function	45	1.11	23	0.98	4	0.97	72	1.73
Total	262	6.47	124	5.30	18	4.37	404	11.11
Total Number of Children Examined	4045	—	2337	—	411	—	6793	—

TABLE IV.
RETURN OF ALL EXCEPTIONAL CHILDREN OF SCHOOL AGE IN THIS AREA.

Disability	At Ordinary School	At Special Schools or Classes	At No School or Institutions	Total
1. Blind	—	11	1	12
2. (a) Refractive errors in which the curriculum of an ordinary school would adversely affect the eye condition	—	8	—	8
(b) Other conditions of the eye, e.g., cataract, ulceration, etc., which render the child unable to read ordinary school books or to see well enough to be taught in an ordinary school	—	8	—	8
3. Deaf—Grade I	—	—	—	—
Grade II A	—	10	—	10
Grade II B	—	9	—	9
Grade III	—	—	—	—
4. Defective Speech:—				
(a) Defects of articulation requiring special educational measures	—	1	—	1
(b) Stammering requiring special educational measures ..	—	—	—	—
5. Mentally Defective (Children between 5 and 16 years)				
(a) Educable (I.Q. approx. 50-70)	—	171	—	171
(b) Ineducable (I.Q. generally less than 50)	—	23	4	27
6. Epilepsy:—				
(a) Mild and occasional	5	1	—	6
(b) Severe (suitable for care in a residential school)	—	1	—	1
7. Physically Defective (Children between 5 and 16 years):—				
(a) Non-pulmonary tuberculosis (Excluding cervical glands) ..	—	—	—	—
(b) General orthopaedic conditions	7	8	1	16
(c) Organic heart disease	2	2	1	5
(d) Other causes of ill health	6	22	3	31
8. Multiple Defects:—				
(a) Mental Handicap—Spasticity	—	11	3	14
(b) " " Epilepsy	—	5	3	8
(c) " " Polio	—	1	—	1
(d) " " Coeliac disease	—	1	—	1
(e) " " Phenylketonuria	—	1	—	1
(f) " " Hemiplegia	—	3	1	4
(g) " " Deafness	—	2	—	2
(h) " " Epilepsy and Hemiplegia	—	1	—	1
(i) " " Congenital Heart Disease	—	1	—	1
(j) " " Epilepsy and Heart Defect	—	1	1	2
(k) " " Epilepsy and Spasticity	—	2	—	2
(l) " " Nystagmus and Myopia	—	1	—	1
(m) " " Aphasia and Strabismus	—	1	—	1
(n) " " Spasticity and Aphonia	—	1	—	1
(o) " " Achondroplasia and C.H.D.	—	—	1	1
(p) " " Multiple Congenital Defect	—	1	—	1
Total	20	308	19	347

TABLE V — DENTAL TREATMENT

	SCHOOL CHILDREN													Total
	5	6	7	8	9	10	11	12	13	14	15	16	17	
Routine Dental Inspection	783	593	772	1504	1071	891	343	513	627	188	97	8	—	7390
With Dental Defects	433	370	470	1161	580	558	203	252	328	102	61	8	—	4526
Offered Treatment	358	240	387	1034	512	483	191	251	271	99	59	4	—	3889
Accepting Treatment	213	122	254	538	372	256	98	170	123	44	25	2	—	2218
Treated by S.D.O.	176	129*	208	455	350	226	178*	152	123	44	23	2	—	2066
Made Dentally Fit	141	77	137	315	179	182	198*	145	83	40	21	2	—	1656
Special and Emergency Patients	428	439	424	526	448	480	342	281	263	278	91	25	17	4042

ADDITIONAL INFORMATION

Of the 4042 Emergency or Special Cases seen 2939 were made dentally fit

* Includes carry over from previous year

Table Va

DETAILS OF TREATMENT

Type of Treatment		Routine 1	Emer. 2	Total 1 & 2
Fillings	Perm. Teeth	4638	5411	10049
	Temp. Teeth	367	874	1241
Extractions	Perm. Teeth	671	1457	2128
	Temp. Teeth	1477	4074	5551
Administration of General Anaesthetic		494	1320	1814
Other Operations	Perm. Teeth	1747	2721	4468
	Temp. Teeth	349	337	686
Dentures	Partial	—	49	49
	Full	1	2	3
Repairs to Dentures		—	2	2
Radiographs		33	90	123

Attendances for Treatment	School Children 5-17 years	R.	9472
		E.	10818

R. = Routine.

E. = Emergency.

TABLE Vb

ORTHODONTIC TREATMENT

Number of cases from Last Year	153
New Cases	80
Cases completed	64
Cases discontinued	27
Attendances for Treatment	1560
Consultations with Consultant Orthodontist	75
Number of Diagnostic Examinations	98
Number of above D.E. not offered Treatment	18
Treated by Removable Appliance	117
Treated by Fixed Appliance	7
Number of Permanent Teeth Extracted	118
Number of Temporary Teeth Extracted	61
Repairs to Orthodontic Appliances	26
Radiographs Intra-Oral	84
Radiographs Extra-Oral	3

TABLE VI.
AVERAGE HEIGHTS AND WEIGHTS IN INCHES AND POUNDS

Total Number Examined at all Ages	BOYS														
	Entrants					Age 9					Age 13				
	No. Exam.	Avg. Age	Hgt. (Ins.)	Wght. (Lbs.)	No. Exam.	Avg. Age	Hgt. (Ins.)	Wght. (Lbs.)	No. Exam.	Avg. Age	Hgt. (Ins.)	Wght. (Lbs.)	No. Exam.	Avg. Age	Hgt. (Ins.)
1966-67	2031	Y. M. 5 5	43.50	43.00	—	Y. M. —	—	—	1140	Y. M. 13 6	59.75	94.25	216	Y. M. 16 3	66.75
1965-66	2015	5 4	43.50	43.00	—	—	—	—	1175	13 6	61.25	102.25	282	16 6	66.50
1964-65	1928	5 7	44.25	44.75	—	—	—	—	1351	13 4	59.25	95.25	155	16 3	66.50
1963-64	1695	5 8	43.50	43.50	—	—	—	—	1275	13 4	59.75	95.25	298	16 4	67.50
1962-63	1609	5 6	43.50	43.25	—	—	—	—	1364	13 3	60.25	96.75	298	16 1	66.00
1961-62	1578	5 6	43.50	43.25	1385	9 1	51.50	62.50	1281	13 4	59.75	95.75	185	16 3	66.50
1960-61	1312	5 6	43.75	44.25	1263	9 5	52.25	63.0	1411	13 6	60.25	94.0	178	16 3	66.25
County Average— Years 1950-51 to 1959-60	13217	5 6	43.6	43.6	12887	9 5	51.7	63.1	10289	13 4	58.5	93.3	1067	16 5	67.0
County Average— Years 1940-41 to 1949-50	11647	5 5	42.8	43.2	10608	8 11	50.0	57.3	10134	13 4	58.9	88.0	1017	16 4	66.9
County Average— Years 1930-31 to 1939-40	12495	5 6	44.6	41.8	11767	8 8	49.4	56.5	*7108	13 7	58.9	89.5	1163	16 4	65.6
County Average— Years 1919-20 to 1929-30	13238	5 7	42.1	41.2	11863	8 7	48.3	54.3	—	—	—	—	697	16 1	64.3

* Previous to the session 1930-31, the average of the Third Age Group was 12 years. The number of children examined at the average age of 13 years is, therefore, comparatively small.

TABLE VII
AVERAGE HEIGHTS AND WEIGHTS IN INCHES AND POUNDS—Continued

Total Number Examined at All Ages	GIRLS																
	Entrants				Age 9				Age 13				Age 16				
	No. Exam.	Y. M. Ave. Age	Hgt. (Ins.)	Wgt. (Lbs.)	No. Exam.	Avg. Age	Hgt. (Ins.)	Wgt. (Lbs.)	No. Exam.	Avg. Age	Hgt. (Ins.)	Wgt. (Lbs.)	No. Exam.	Avg. Age	Hgt. (Ins.)	Wgt. (Lbs.)	
1966-67	2014	5 4	43.00	41.75	—	Y. M. —	—	1197	13 3	60.00	101.00	195	Y. M. 16 4	62.75	120.50	
1965-66	1910	5 4	43.00	42.00	—	—	—	1330	13 7	61.25	103.75	306	16 6	64.00	119.75	
1964-65	1765	5 7	43.50	43.25	—	—	—	1350	13 5	60.75	100.50	192	16 3	63.75	121.50	
1963-64	1608	5 7	43.25	42.50	—	—	—	1240	13 3	60.25	101.50	296	16 5	62.25	123.75	
1962-63	1505	5 6	43.25	42.25	—	—	—	1330	13 4	61.00	101.25	306	16 2	63.75	121.50	
1961-62	1501	5 6	43.25	42.0	1298	9 4	51.50	1224	13 5	60.50	102.50	191	16 2	63.50	124.25	
1960-61	1320	5 6	43.25	41.50	1255	9 5	51.75	1513	13 3	59.50	97.50	165	16 2	62.75	119.75	
County Average— Years 1950-51 to 1959-60		13354	5 6	44.4	42.1	12327	9 5	52.1	62.2	10556	13 4	60.3	97.3	1174	16 1	63.1	119.0
County Average— Years 1940-41 to 1949-50		11249	5 2	42.4	41.9	10287	8 11	49.4	55.6	9957	13 4	59.3	93.5	845	16 4	63.1	119.8
County Average— Years 1930-31 to 1939-40		12132	5 7	42.3	40.5	11645	8 8	49.0	54.8	*7123	13 5	59.5	94.8	887	16 4	62.8	116.7
County Average— Years 1919-20 to 1929-30		13019	5 8	41.7	39.7	11582	8 8	48.2	52.3	—	—	—	—	774	16 1	62.2	111.6

* Previous to the session 1930-31, the average age of the Third Age Group was 12 years. The number of children examined at the average age of 13 years is, therefore, comparatively small.

TABLE VIII.
PREVIOUS ILLNESSES

	No. of Routine Cases Examined	Measles		Whooping Cough		Chicken Pox		Mumps		Scarlet Fever		Diphtheria		Smallpox		Rheuma- tism		Fits		Others	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Entrants ...	4045	3248	80.29	518	12.80	1492	36.88	1002	24.77	86	2.12	—	—	—	—	—	—	2	0.04	517	12.78
Second Age- Group ...	2337	1637	70.04	746	31.92	1492	63.84	1089	46.59	129	5.51	—	—	—	—	—	—	8	0.34	363	15.53
Third Age- Group ...	411	389	94.64	204	49.63	346	84.18	235	57.17	36	8.75	—	—	—	—	—	—	1	0.24	107	26.03
TOTAL ...	6793	5274	77.63	1468	21.61	3330	49.02	2326	34.24	251	3.69	—	—	—	—	—	—	11	0.16	987	14.52

TABLE IX.
VERMINOUS CONDITIONS

The following table summarises on an area basis the number of children showing evidence of verminous conditions of the head, or body, or both.

School Management Area	No. of Routine Cases Examined			No. Showing Evidence of Vermin			Percentage		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Cumbernauld	407	374	781	—	1	1	—	0.26	0.12
Kirkintilloch	375	373	748	—	1	1	—	0.26	0.13
New Kilpatrick	401	442	843	—	1	1	—	0.22	0.11
Old Kilpatrick	830	803	1633	2	5	7	0.24	0.62	0.42
Dumbarton	663	675	1338	1	3	4	0.15	0.44	0.29
Vale of Leven ...	364	352	716	2	4	6	0.54	1.13	0.83
Helensburgh	326	408	734	—	2	2	—	0.49	0.27
Total	3366	3427	6793	5	17	22	0.14	0.49	0.32

Table X
SCHOOL EYE CLINICS

Year 1966-67	Appointments Given	First Visits (This Year)	Attendances (Total)	Glasses Ordered	Referred to Orthopist	Sessions	
						Doctor	Optician
Dumbarton (includes Vale of Leven)	1241	821	851	508	73	99	99
Helensburgh	225	114	166	99	10	29	34
Bearsden, Milngavie .. (Hillfoot Clinic)	338	196	326	63	6	14	1
Kirkintilloch	350	80	268	146	30	29	34
Clydebank	1463	877	911	383	37	94	111

TABLE XI

1959 AGE GROUP — EYE EXAMINATIONS

Slight Visual Defect: 6.9—6.12 Marked Visual Defect: 6.18 or worse
(Snellen's Test at 6 Metres)

	BOYS		GIRLS		TOTAL	
	No.	%	No.	%	No.	%
Total Number of Children Examined	1368	—	1262	—	2630	—
Normal Vision	1206	88.15	1112	88.11	2318	88.13
Slight Defect (Both Eyes)	90	6.57	85	6.73	175	6.65
Marked Defect (Both Eyes)	14	1.02	11	0.87	25	0.95
Slight Defect (One Eye)	47	3.43	47	3.72	94	3.57
Marked Defect (One Eye)	11	0.80	7	0.55	18	0.68
Unreliable Results	—	—	—	—	—	—
For Refraction	37	2.70	36	2.85	73	2.77
Number of Children found Wearing Glasses	52	3.80	33	2.61	85	3.23
Strabismus	14	1.02	10	0.79	24	0.91
Blepharitis	2	0.14	—	—	2	0.07
Conjunctivitis	—	—	—	—	—	—
Corneal Ulcers or Opacities	—	—	—	—	—	—
Colour Vision Defect	33	2.41	2	0.15	35	1.35
Others	—	—	1	0.07	1	0.03

Note.—When a child has defective vision of slight defect and marked defect together, the defect has been classified according to the better eye grouping.

TABLE XII

1959 AGE GROUP — EAR EXAMINATIONS

	Total Number of Children Examined	Normal Hearing		Defective Hearing Grades								Otorrhoea	Otitis Media	Others
				I		IIA		IIB		III				
		No.	%	No.	%	No.	%	No.	%	No.	%			
Boys	1339	1337	99.85	2	0.14	—	—	—	—	—	—	—	—	—
Girls	1206	1202	99.66	4	0.33	—	—	—	—	—	—	—	—	—
Total	2545	2539	99.76	6	0.23	—	—	—	—	—	—	—	—	—

Grade I — Children who can hear ordinary conversational voice between 20 feet and over.

Grade IIA — Children in this Grade can be educated in the ordinary school.

Grade IIB — Children in this Grade require special school education.

Grade III — Children in this Grade can hear and understand the conversational voice at not more than 2 feet, if at all.

TABLE XIII
RESULTS OF AUDIOMETRIC SURVEY
1966-1967

Age-Groups Children Examined	No. Listed	No. Tested	No. Normal Hearing	No. Defective Hearing	Grade				Cases Referred for				
					I	IIA	IIb	III	S.M.O.	E.N.T. Exam.	Special Seat- ing Aid	Medi- cal Treat- ment	No Action
1959	2587	2341	2234	107	94	12	1	—	44	24	8	1	10
1961	4157	3692	3477	214	180	32	2	—	117	72	1	1	24
Children born outwith Age-Groups ...	253	248	214	34	24	10	—	—	16	14	2	2	0

No. of individual pure tone tests—Dumbarton Centre 429
 Clydebank Centre 296
 Kirkintilloch Centre 223

TABLE XIV
SPEECH THERAPY—SUMMARY OF STATISTICS, 1966-67

CLINIC or SCHOOL	No. on Roll	Left	Discharged			Transferred		Admitted	No. on Roll
			Clear- ed	Non- Co-op.	Deferred	In	Out		
Aitkenbar	15	1	5	—	—	—	1	6	14
Ardlui House	19	4	9	2	—	—	3	18	19
Auchentoshan	24	3	4	2	—	6	—	5	26
Bank St. Clinic	21	—	16	3	—	1	3	12	12
Bearsden Primary	9	2	5	—	—	—	—	4	6
Bearsden Academy	(included in Hill foot Clinic)	(included in Bank Street Clinic)	—	—	—	—	—	—	—
Bonhill School	10	3	6	—	—	—	—	10	11
Cardross School	13	—	9	—	—	—	—	3	7
Castehill School	(included in Ardlui House Clinic)	(included in Ardlui House Clinic)	—	—	—	—	—	—	—
Clyde Street School	10	—	6	—	—	—	4	7	7
Clober School	(included in Kilbowie School Clinic)	(included in Kilbowie School Clinic)	—	—	—	—	—	—	—
Clydebank High School	(included in Kilbowie School Clinic)	(included in Kilbowie School Clinic)	—	—	—	—	—	—	—
Condorrat School	(included in Kilbowie School Clinic)	(included in Kilbowie School Clinic)	—	—	—	—	—	—	—
Cumbernauld School	(included in Kilbowie School Clinic)	(included in Kilbowie School Clinic)	—	—	—	—	—	—	—
Croy School	(included in Kilbowie School Clinic)	(included in Kilbowie School Clinic)	—	—	—	—	—	—	—
Dalmuir School	7	1	7	—	—	2	—	11	12
Dalroech School	14	—	14	1	—	—	2	10	7
Edinbarnet School	12	1	5	—	—	1	—	7	14
Faifley School	6	1	6	2	—	—	—	18	15
Elgin Street School	13	—	8	1	—	—	—	4	8
Gartconner School	(included in Townhead Clinic)	(included in Townhead Clinic)	—	—	—	—	—	—	—
Gavinburn School	17	—	—	—	17	—	—	—	—
Goldenhill Clinic	7	1	3	—	—	—	7	—	8
Goldenhill School	11	1	6	—	—	3	—	12	5
Haldane School	16	2	9	1	—	1	1	19	23
Hartfield Clinic	10	—	7	1	—	2	1	6	9
Hillfoot Clinic	15	—	6	—	—	1	4	6	12
Hermitage Academy	—	—	1	—	—	3	—	4	6
Hillhead School	12	—	10	—	—	2	—	13	17
Holy Family	9	—	9	—	—	2	2	14	14
Jamestown School	(included in Haldane School)	(included in Haldane School)	—	—	—	—	—	—	—
Kilbowie School	31	2	19	—	—	4	6	4	12
Killermont School	(included in Hillfoot Clinic)	(included in Hillfoot Clinic)	—	—	—	—	—	—	—
Kildrum School	(included in Kildrum Medical Centre)	(included in Kildrum Medical Centre)	—	—	—	—	—	—	—
Kildrum Medical Centre	15	—	1	3	—	—	5	18	24
Knoxland School	12	1	8	—	—	1	2	10	12
Lairdsland School	16	—	7	—	—	1	1	10	19
Lenzie Primary	(included in Townhead Clinic)	(included in Townhead Clinic)	—	—	—	—	—	—	—
Lenzie Academy	(included in Townhead Clinic)	(included in Townhead Clinic)	—	—	—	—	—	—	—
Linnvale School	12	—	6	—	—	—	3	8	11
Milngavie Clinic	7	—	1	3	—	—	2	10	11
Milngavie School	9	—	9	—	—	5	1	5	9
Moss Cottage	23	2	5	2	—	—	5	35	44
Kildrum O.C.	(included in Kildrum Medical Centre)	(included in Kildrum Medical Centre)	—	—	—	—	—	—	—
Our Holy Redeemer's	10	—	6	—	—	—	—	7	11
Renton School	(included in Vale of Leven Academy)	(included in Vale of Leven Academy)	—	—	—	—	—	—	—
Sacred Heart School	(included in Kildrum Medical Centre)	(included in Kildrum Medical Centre)	—	—	—	—	—	—	—
St. Eunan's	14	—	10	—	—	2	—	14	20
St. Flannan's School	11	1	10	—	—	—	1	9	8
St. Joseph's, Faifley	20	—	9	—	—	1	1	5	16
St. Joseph's, Milngavie	14	—	—	—	14	—	—	—	—
St. Kessog's	11	1	12	—	—	1	—	6	5
St. Mary's, Duntocher	10	—	6	—	—	1	—	7	12
St. Martin's	(included in Vale of Leven Academy)	(included in Vale of Leven Academy)	—	—	—	—	—	—	—
St. Ninian's	(included in Townhead Clinic)	(included in Townhead Clinic)	—	—	—	—	—	—	—
St. Patrick's Primary	23	10	11	—	—	—	2	11	11
St. Peter's	—	—	12	—	—	15	—	7	10
St. Stephen's	—	4	11	—	—	8	2	12	3
Seafar	(included in Kildrum Medical Centre)	(included in Kildrum Medical Centre)	—	—	—	—	—	—	—
Townhead Clinic	12	1	5	5	—	3	3	15	16
Twechar	(included in Townhead Clinic)	(included in Townhead Clinic)	—	—	—	—	—	—	—
Vale of Leven Academy	7	1	4	5	—	—	—	6	3
Westerton	11	1	7	—	—	1	2	7	9
Whitecrook	21	1	10	—	—	—	3	4	11
TOTAL	559	45	320	31	31	67	67	404	536
Hospitals	16	5	9	1	—	1	0	12	14

TABLE XV
SPEECH THERAPY AND SPEECH TRAINING
ANNUAL STATISTICS, SESSION 1966/67

Classification of Cases

	<i>Cleft Palate</i>	<i>Dyslalia</i>	<i>Dysphonia</i>	<i>Stutter</i>	<i>Aphasia Disphasic</i>	<i>Others</i>	<i>Total</i>
List A	25	631	22	128	18	66	890
B	—	199	8	11	—	11	229
C	—	46	1	4	—	3	54
							1,173

Age Groups

	—5	5+	6+	7+	8+	9+	10+	11+	12+	13+	14+	15+	Total
List A	84	120	184	143	103	82	60	51	21	16	18	8	890
B	26	67	42	35	28	16	8	5	1	—	1	—	229
C	35	4	3	5	3	1	1	1	—	—	1	—	54
													1,173

<i>Districts</i>	<i>List A</i>	<i>List B</i>	<i>List C</i>	<i>Total</i>
Dumbarton	159	41	17	217
Helensburgh	69	—	—	69
Vale of Leven	88	34	7	129
Old Kilpatrick	321	77	15	413
New Kilpatrick	100	27	4	131
Kirkintilloch	120	—	2	122
Cumbernauld	33	50	9	92
	890	229	54	1,173

List A

Number of cases continued next session	No. dismissed satisfactory ..	249
	Improved to limit	41
	No co-operation	30
	Left district	34
536	Advice only (List C)	54

Source of Reference

	<i>Schools and/or Psychologists</i>	<i>M.O.</i>	<i>Parents</i>	<i>*Others</i>	<i>Total</i>
List A ..	604	159	72	55	890
B ..	198	17	10	4	229
C ..	26	22	6	—	54
Total ..	828	198	88	59	1,173

*Others—referred by Dental Offices, Hospitals and other Therapists

Source of Reference

Referrals by Therapist to M.O. or D.O. .. .. .	..	..	..	..	..	53
Referrals by Therapist to Psychologist for I.Q./and/or advice.. ..	..	..	..	..	..	40
Number of Parent Interviews .. 2,044	Number A treatments ..	..	..	..	..	14,794
Audiometric Tests .. .. .	..	..	..	..	..	78

Number of poor speakers referred to Speech Training Teacher .. ..	..	..	31
Number transferred after therapy to Speech Training Teacher .. ..	..	..	56

	<i>Male</i>	<i>Female</i>	<i>Treat- ments</i>
Adults resident in County receiving therapy	2	2	28
Adults in Vale of Leven Hospital receiving therapy ..	6	6	88
Adults in Joint Hospital, Dumbarton receiving therapy	2	3	183
Adults in Blawarthill Hospital, Clydebank		1	53

List A—Cases actually under treatment (does *not* include transferred-in cases)

List B—Cases on waiting list

List C—Advice and interview only

TABLE XVII
ORTHOPTIC REPORT 1966/67

	Clydebank Centre	Kirkintilloch Centre	Dumbarton Centre	Total
Total attendances . .	577	227	711	1515
Patients referred since July, 1966	40	29	125	194
Patients not yet seen by Orthop- tist	4	1	12	17
Patients failed to attend 1st Examination	2	1	8	11
Total . .	34	27	105	166
Patients referred before July '66 still attending	104	47	146	297
Total attending . .	138	74	251	463
No. of Patients on Treatment	46	14	61	121
No. of Patients on Observation—				
Before Treatment	29	25	98	152
After Treatment	31	19	46	96
Treatment not Required	—	2	10	12
Refused Treatment	—	—	2	2
Discharged	26	9	23	58
Ceased to Attend . .	6	5	11	22
	138	74	251	463
Referred for Operation—				
Before Treatment	4	3	16	23
After Treatment	9	9	21	39
Response to Treatment				
Good	18	4	19	41
Improved	25	9	34	68
No Improvement	3	1	8	12

TABLE XVIII—

Clinic	Result	Kyphosis			Lordosis			Kypho- Lordosis			Scoliosis			Chest		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Dumbarton ...	Treatment Completed ...	2	—	2	—	—	—	—	—	—	—	—	—	2	3	5
	On Treatment ...	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
	Unsatisfactory due to—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	(a) Non-attendance ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vale of Leven at Dumbarton	(b) Non-co-operative ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Treatment Completed ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	On Treatment ...	—	—	—	—	1	1	—	1	1	—	—	—	—	—	—
	Unsatisfactory due to—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Helensburgh ...	(a) Non-attendance ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	(b) Non-co-operative ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Treatment Completed ...	1	—	1	—	—	—	2	—	2	—	—	—	1	—	1
	On Treatment ...	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Goldenhill ...	Unsatisfactory due to—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	(a) Non-attendance ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	(b) Non-co-operative ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Treatment Completed ...	—	1	1	1	—	1	—	—	—	—	—	—	2	1	3
Old Kilpatrick	On Treatment ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Unsatisfactory due to—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	(a) Non-attendance ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	(b) Non-co-operative ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Auchentoshan	Treatment Completed ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	On Treatment ...	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2
	Unsatisfactory due to—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	(a) Non-attendance ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kirkintilloch ...	(b) Non-co-operative ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Treatment Completed ...	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—
	On Treatment ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Unsatisfactory due to—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Clydebank ...	(a) Non-attendance ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	(b) Non-co-operative ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Treatment Completed ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	On Treatment ...	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Hillfoot ...	Unsatisfactory due to—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	(a) Non-attendance ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	(b) Non-co-operative ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Treatment Completed ...	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—
Milngavie ...	On Treatment ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Unsatisfactory due to—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	(a) Non-attendance ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	(b) Non-co-operative ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cumbernauld ...	Treatment Completed ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	On Treatment ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Unsatisfactory due to—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	(a) Non-attendance ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cumbernauld ...	(b) Non-co-operative ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Treatment Completed ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NUMBER OF

Clydebank	702
Vale of Leven at Dumbarton ..	215
Kirkintilloch	386
Old Kilpatrick	32
Milngavie	158
Auchentoshan	395

Orthopaedic Treatment

DEFORMITY OR DISEASE																							
Feet Deformities			Infantile Paralysis & Spastic Paralysis			Asthma			Bronchitis			Mouth Breathers			Rheumatism			Others			Total		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
3	1	4	2	-	2	3	2	5	6	1	7	1	4	5	-	-	-	-	-	-	19	11	30
-	-	-	-	-	-	10	3	13	2	1	3	1	1	2	-	-	-	-	-	-	13	7	20
-	-	-	-	-	-	1	-	1	2	1	3	2	-	2	-	-	-	-	-	-	5	1	6
-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
1	1	1	-	-	-	1	1	2	-	1	1	-	1	1	-	-	-	-	-	-	1	3	4
-	-	-	-	-	-	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-	2	1	3
-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	-	-	-	-	-	-	1	1	2
4	-	4	1	1	2	2	3	5	1	-	1	-	-	1	-	-	-	-	-	-	8	3	11
-	2	2	-	-	-	5	3	8	1	-	1	-	1	1	-	-	-	-	-	-	10	8	18
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1	2	1	3
-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
2	-	2	-	-	-	3	1	4	2	1	3	1	-	1	-	-	-	1	1	2	12	5	17
2	1	3	-	-	-	2	2	4	-	1	1	-	-	-	-	-	-	1	-	1	5	5	10
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	2	-	-	-	-	-	-	1	3	4	-	-	-	-	-	-	1	1	2	3	5	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	4	1	5	-	-	-	-	-	-	-	1	1	-	-	-	1	1	2	2	4	6
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	3	5	2	-	2	4	2	6	-	-	-	3	1	4	-	-	-	2	-	2	13	7	20
1	3	4	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	7
-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	1	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	3	8	-	-	-	2	7	9	1	3	4	-	1	1	-	-	-	-	-	-	8	14	22
2	-	2	3	2	5	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-	7	4	11
1	1	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	2	7	-	1	1	2	-	2	-	1	1	-	-	-	-	-	-	-	-	-	1	3	4
-	2	7	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	7	5	12
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	5	-	1	1	2	1	3	2	2	4	1	2	3	-	-	-	-	-	-	13	6	19
-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	5	9	-	2	2	2	-	2	7	3	10	2	2	4	-	-	-	-	1	1	15	13	28
-	2	2	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	3	1	4	4	3	7
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TREATMENTS GIVEN

Helensburgh	..	..	..	607
Hillfoot	..	..	..	111
Cumbernauld	..	..	..	311
Goldenhill	..	..	..	479
Dumbarton	..	..	..	1192

Printed by
WM. HODGE & CO., LTD.,
Glasgow Edinburgh